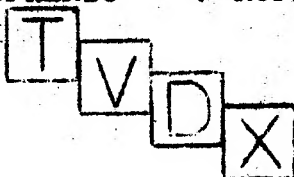


A MERICAN I ONOSPHERIC P ROPAGATION A SSOCIATION

Art Collins - President
68 Amber Street
Buffalo 20, N. Y.

King Schafer - V. Pres.
360 Zimmerman Blvd.
Kenmore 17, N. Y.



Volume 7, Number 5 Page One May 6, 1960

AIPA BULLETIN...Published first week of each month, 12 issues a year.
MEMBERSHIP.....\$3.00 per year. Entitles you to monthly bulletin,
report forms, membership card, and miscellaneous items. Canadian members
\$3.25 ----- Foreign membership \$5.00 ----- Payable to President.

EDITORIAL....

The war is over!! No men, not with the Russians, but the "krieg" between the AIPA Panzers, and Bob Cooper's Luftwaffe is! (time for a good stiff drink I would say) Seriously however, the recent conflict arose from a vast mis-understanding, that grew into monster like proportions. Even though limited in scope and nature, and effects were noted through-out the TV-DX world. To analyze the cause and spread of this conflict, I feel would have little purpose here. The important fact is, that events like this must never occur again! From now on, friendly and co-operative exchange, should be the rule, instead of the exception. Everyone at AIPA headquarters is squarely behind this idea, we hope you are too!

The time we believe to begin these co-operative exchanges is right now! I ask you to please note the enclosed form (A.I.P.A. # 16) We have had great success with our previous equipment survey, and indeed hope you will put this one over also. Everyone is asked to participate in this project, be you "have" 10 stations logged, or 310! Our real purpose is to ascertain the type of equipment you work with, totals being just matter of routine. The results will be published in a future issue of "DXing Horizons" magazine, and we ask you to check the mailing address on the form bottom. So fill it out in any fashion you desire, as there are of course no hard boiled requirements to follow.

Again thinking of DXing Horizons, I strongly urge all of you to subscribe to this highly informative publication. (If you haven't already) In my personal opinion the presented features and data, are a must, to all serious DXers. Better yet, the subscription price of \$4.00 is a real value, considering todays high prices. The address for "DXing Horizons" is again on the bottom of equipment survey form.

Plans for the 1960 AIPA CONVENTION in Chicago this July are going full blast I hear, and our host Tom Hidley indeed has a bang-up affair in the making. The date as was mentioned last month isn't final yet, but a weekend (Sat.&Sun.) of let's say July 8th and 9th is presumed. However, don't make any arrangements till a definite announcement of this is made- which will be soon! Lets try and make this the largest attended gathering in A.I.P.A. history!!

To wind up I wish to thank Bob Cooper for mentioning in the May "DXing Horizons", my article "TV DXing" which will appear in the June issue of "Popular Electronics". (Isn't that a clever way for me to plug myself? Hi)..Also, I wish to extend my deepest thank-you for re-electing me your vice-president for another term. I will try my best to line up the trust, again placed upon me.

73's and 30

King Schafer

"AMERICAN IONOSPHERIC PROPAGATION ASSOCIATION"

"THE IMMENSITY OF SPACE"

MAY
1960

Every day is a day of progress. We can not hide behind the true facts. Every where you turn something new has been added, and something else has become obsolete. Research Scientist and Electronic Engineers have discovered short cuts, or some invention that will surpass the yesterdays. Our greatest school days are here upon this earth, our over coming the many obstacles and problems that face the human race. If we didn't have anything to over come, none of us would amount to a row of pins. It is man's free agency to have the right to choose; that he can prize the sweet, after tasting the bitter. This is the progressive path leading us to higher goals. When something is accomplished, one feels that deep satisfaction on the inside. Man sets another goal, reaching out into space constantly striving to uncover the mysteries that the unknown contains.

New Tropospheric Scatter System Dish-like antennas at "over-the-horizon" site at Florida City, Fla. are aimed at Nassau in the Bahamas. New system will carry 24 simultaneous telephone conversations. New link is joint undertaking of long lines Dept. of American Telephone and Telegraph Co. and the Telecommunications Dept. of the Bahamas Government.

Much has been written by magazines and newspapers in their editorials, about space, and the many new inventions.

Electronic Industries Magazine, March 1960, writes some very interesting articles. One is "Space Detectives," in this 86 foot long tunnel at Sperry Gyroscope Company, engineers the behavior of infra red radiation. Walls of the tunnel are blackend to control back ground radiation. Facilities allow the researcher to investigate IR under atmospheres which exist on other planets in the solar system--Venus or Mars for instance.

Another article by this same magazine tells about a button size tunnel diode that takes the place of conventional amplifier. It is possible to use this diode in a small case the size of a wrist watch. This is just a few highlights from articles in this magazine. It is sent to the engineering laboratories of Transformer Manufacturing Co. of Chicago each month.

The future wall paneling is still another discovery called "Cold Light". which can illuminate an entire room at 60 cycles, 120 volts. The light can be increased at higher cycles, 200 cycles or more, just for a few pennies a day. Probaly this is exactly what T V D' Xers need for their T V D'X den. This cold light is not a bright light, but will produce enough light, so you can see around the room. Mothers (Fathers too) will welcome this new paneling for their nursery room.

Now a few words for UHF. UHF does have a future. Some feel that UHF is on the way out, others have differnt view points. Not long ago I received a verification from Mr. Robert Cleveland, Chief Engineer of WEHT TV Channel 50, Evansville, Ind. statint the following: This is to confirm your DX report. What kind of gear did you use? UHF is the superior type of television for the future, or the experienced.

With all the research that is going on at the present. UHF may prove to be superior above the channels now in use. A 1000 megacycles or more. Who knows?

Will close with warmest regards regards to all.

Thomas J. Hidley

"TV Corner"

A termite with new false teeth went into a tavern, so he asked;
"Is this bar tender?"

6117 N. Canfield Avenue

Chicago 31, Ill.

FCC Grants.

Ch 2 Vermillion, S.D. .167K-.084K
 Ch 2 (Ed.) State of S.D. Univ.
 Ch 8 Jonesboro, Ark.
 Ch 9 Eugene, Ore.
 Ch 9 Alpena, Mich.
 Ch 11 Santa Fe, N. Mex.
 Ch 11 Grand Isl., Neb.
 Ch 13 Hilo, Hawaii (Lic to KHVH-TV)
 Ch 19 Kansas City, Mo. 17.8 -9.77

Applications to FCC

Ch 12 Wilmington, Del. There are many applications in for Ch 12 in Wilmington, Del...
 Ch 25 Eau Claire, Wis.

New are.. KRET-TV (Ed.) Richardson Texas. on Ch 23.

WSLA Selma, Ala on Ch8.

CALL CHANGES ETC.

WXGA-TV ch 8 Waycross, Ga. from
 WEGS-TV..
 WEGA-TV ch 9 Savannah, Ga. fr WXGA
 WFEN-TV ch 32 in Clearwater, Fla.
 KWCS-TV ch 18 in Ogden, Utah.

Changes..

WGTV ch 8 in Athens, Ga.
 Charleston to have a new ch 4.
 WTVM Columbus, Ga. ch 28 to ch 9
 WBTW ch 8 in Florence, S.C. to ch 13
 WRBL ch 4 Columbus, Ga. to ch 3.

MIS'L NEWS.

WRBL-TV heard here in Bflo, N.Y. via Aurora 4/29/60 on ch 3...changed from ch 4..

KLOR-TV ch 11 Provo, Utah is off the air temp-- Tech difficulties.
 A majority of "NOT ON AIR" UHF permissives has asked the FCC to keep their construction permits alive hoping conditions will improve in the UHF line to allow them to build. KTRX(TV) Kennewick, Wash. has cancelled their lic. and permit.

Word from Dennis Smith is that apparently K-VUE ch 40 in Sacramento, Calif. has gone off the air. Also KFRE-TV ch 12 Fresno, Cal. is definitely going to UHF. (word is that that area will all go UHF)

Five appli's are in for ch 5 station in Edmonton, Alta. Canada. and two in for ch 3 in Prince George, B.C. Canada.

A new TV station asked for in Sturgeon Falls, Ont. on ch 7 (Fr. Station)

The Toronto Telegram, Evening Post will get the new Ch 9 there.

CFCL-TV to get a power boost 18.5-9.25 to new 100Kw- 50Kw.

Add CFCY-TV1 ch 7 in New Glasgow, N.S. Canada and CJCN-TV ch 4 in Grand Falls, N. Fld. Can.

CFCF-TV ch 12 Montreal, Que. plans their start on Jan. 1961. with a power of 325Kw- 160Kw.

KFVS-TV Cape Girardeau, Mo. has a new TV Tower being built 1,676 feet high, which is said will be the tallest man made structure in world.

Johnson, Pa. has asked FCC for another VHF there, on ch 3 or ch 8.

New York8s WRCA-TV wants the call WNBC-TV returned to them.....

Word from Bedford Brown is XEFE-TV ch 3 in Monterrey, Mex. was listed wrong is on ch3 with call XEFB-TV. XHNL-TV is correct. they have another station under construction, ch unknown etc. tkns Bedford.

DX-HORIZONS has now perfected the 1st all Amperox Receiver with truly fantastic gain of a high order. starting in the July publication there will be a series of articles on complete modification details so that any DXer can enjoy 300 miles reception on poor days, and almost unlimited reception on good days.

NEW MEMBER is James Hughes of Saginaw, Mich. James is with the UHF station WKNX-TV ch 57. He is also interested in FM-DX so Bryan Rawlings and Phil Jacobs will be hearing from him. Our Tom Hidley is responsible for DXer Hughes' membership into the AIPA.

Art Collins.

Gary Olson, Barrington, Ill.--- The following were seen while home for Easter vacation. April 13, Es, KMID-2 KFDX-3 KROD-4. April 16, Early evening Aurora.

Billy Draeb, Kewaunee, Wis.---All the following are by tropes. March 28, CKLW-9 WILX-10 WJRT-12; March 31, WGEM-10 KCRG-9 KROC-10 KWWL-7 KRNT-8; Apr. 1, WDSM-6 WJRT-12 WISH-8 WTOL-11 WILX-10 WJW-8; Apr. 8, WJBK-2 WXYZ-7 WISH-8; Apr. 9, WHBF-4; Apr. 10, WJBK-2 WISH-8 WJRT-12 WXYZ-7 WTOL-11 WWJ-4 CKLW-9 WHBF-4 KCRG-9; Apr. 13, WJBK-2 WWJ-4 WOC-6 WJW-8 WJRT-12 WTOL-11 WILX-10 WXYZ-7 KMID-2 KFDX-2 KRLD-4 KBTX-3 WOAI-4 KSYD-6 Es KGNC-4; Apr. 14, WOC-6; Apr. 15, WJBK-2 WWJ-4 WXYZ-7 WJW-8 WILX-10 WTOL-11 WJRT-12; Apr. 16, WXYZ-7 WJBK-2 WJW-8 WILX-10 WJRT-12 WHBF-4 WWJ-4; Apr. 20, WILX-10 WTOL-11 WOC-6 WISH-8 WJRT-12 WJW-8. Log is now at 241.

Thomas J. Hidley, Chicago, Ill.---Via Ms, March 27, WCBS-2; Apr. 1, WOAI-4; Apr. 3, WKY-4. March 29, tropes, KWWL-7 WSJV-28; March 31, KOMU-8 WHO-13 KOLN-10 KELO-11 KQTV-21 WANE-15; Apr. 1, KMOX-4 WMTV-33 WEAU-13 KFVS-12; Apr. 11, WEEK-43 WICS-20; Apr. 21, WCPO-9. His log is now at 132 with 3 new with 117 pictures.

Bill Pagel, Glen Ellyn, Ill.---All are tropes reception. March 31, WHO-13 KRCG-13 WPTA-21 WANE-15 WKJG-33 KFVS-12 WGEM-10; Apr. 1, WWTV-13 KMOX-4 WJRT-12; Apr. 9, WLWD-2; Apr. 10, WNEM-5; Apr. 19, WLWD-2; Apr. 20, WWJ-4 WLWT-5 WLWD-2 WILX-10 KWWL-7 WCPO-9; Apr. 21, WLWD-2 KMOX-4 WGEM-10 KWWL-7; Apr. 22, WLWT-5 KYW-3 WNEM-5 WTOL-11 WILX-10 WGEM-10 WCPO-9 WSTV-9 WXYZ-7 WBNS-10 WHAS-11 KWWL-7 WPSD-13; Apr. 25, WLWD-2 WCPO-9 WJBK-2 KYW-3 WILX-10 WJRT-12; Apr. 23, KHQA-7; Apr. 27, WCPO-9. His log is now at 90 with 12 new. Thanks for the report Bill.

Frank Wheeler, Erie, Pa.---Frank reports some tropes, Es, and northern lights. March 31, ch. 2 no IDs; Apr. 21, KVOO-2 3/4 hour, also Un IDs on ch. 4. Via tropes, March 28, WNEM-5; Apr. 3, WSYR-3; Apr. 10, WNEM-5; Apr. 11, WNEM-5; Apr. 17, WSYR-3; Apr. 22, WJIM-6 WNEM-5; Apr. 24, WNEF-12 WSYR-3. Aurora on March 31, Apr. 1, 10, 11, 23, 24. Log is now at 133 with 124 veries.

B. J. Bingham, Festus, Mo.---All are via tropes. March 31, KELO-11 KLON-10 KETV-7 KTHV-11 KOAM-7 KODE-12 KATV-7 KRNT-8 WHO-13 KMBC-9 KTVO-3 WOW-6 WHBQ-13 KTTS-10 WISN-12 WITI-6 WKBT-8 WREX-13 WBKB-7 WNBQ-5 WGN-9 WOOD-8 WBEM-2 WSIX-8; Apr. 22, WFEM-6 WISH-8 WLWI-13 WBBM-2 WBKB-7 WGN-9 KTHV-11 WSIX-8 KMBC-9. His log is now at 217.


CROWING SWING TO UHF * TV SEEN -- It now appears as if Washington is reconciled to the fact that TV will have to move upstairs to get more air space. Commenting on this prospect, FCC Commissioner Frederick Ford told the Senate Interstate Commerce Committee that the chances of getting more VHF space from the military are slim and that, accordingly, the ultra-highs seem to be the only solution. Industry has also indicated that such a move is in the offing and preparations for a palatable transition should be made as soon as possible. This may mean an improvement in the TV receiver. I hope so. Hi.

SHORTER*SPACED TV ASSIGNMENTS SUGGESTED -- The Commission is now reviewing criteria and requirements for shorter co-channel separations. Under the proposals, the FCC said it would consider short-spaced VHF assignments in a limited number of important TV markets. Selection of market area would be predicated on whether the need for additional service outweighs the need for any service lost as a result of interference to existing stations. Additionally, the Commission is considering a reduction of minimum adjacent channel separations from 60 to 40 miles.

Frank Hill, Gallipolis, Ohio---Es, Apr. 13, KTVR-2 KOA-4 KCSJ-5; Apr. 26, WTHS-2 WTVJ-4 WDBO-6 WPTV-5. On Apr. 27, Frank reports unknown propagation, Jumbled lines, antenna N.E. on ch. 2, 4, 5, 6. Here in Buffalo there was very strong aurora on that day.

Bill Eckberg, Walnut, Ill.---trops, March 31, KELO-11 KTHV-11 (506 miles) KTIV-9 WTCN-11; Apr. 12, WNDU-16; Apr. 22, WNDU-16 WTOL-11 WSPD-13.

Bill Nieman, Buffalo, N.Y.---Ms, March 12, KSD-5; March 20, WHDH-5; March 29, WOI-4; Apr. 12, WPSD-6 KOTV-6. Also Es on Apr. 21, ch. 3 no IDs. Trops not very good for this time of year. Log now at 193 with 3 new.

	Trops VHF	Ms low band	Es	Ms high band	Trops UHF	
1 P O I N T	OVER 100 miles	OVER 400 miles	OVER 500 miles		OVER 100 miles	1
3 P O I N T	OVER 300 miles	OVER 1000 miles	OVER 1000 miles	OVER 400 miles	OVER 250 miles	3
5 P O I N T	OVER 500 miles	OVER 1500 miles	OVER 1500 miles	OVER 750 miles	OVER 400 miles	5

***CONTEST WILL RUN FROM May 15 thru Aug. 27 (15 weeks).

Total up points that are logged between these two dates. Total can be sent in each month and they will be listed each month.

NAVY FINDS VHF TRANSMISSION NOW POSSIBLE OVER ATMOSPHERIC DUCT--- There's an elevated transoceanic atmospheric duct, capable of trapping and propagation of waves at low loss over considerable distance, the Navy has discovered. The duct was found to have a thickness of approximately 500 feet, centered at a height of some 5000 feet, extending from West Africa to the coast of Brazil. Equipment operating at 220 mc. was used during tests to measure signal characteristics as a function of both distance and elevated heights, varying from sea level up through the elevated duct. With a power of only 100 watts, signals were detected all the way from Brazil to a point 1430 miles away.

REMEMBER TO FILL OUT EQUIPMENT SURVEY (FORM # 16).

Bill Nieman 16 Wasson Street Buffalo 10, N.Y.

FM DX,
May, 1960.

6097 Macdonald Avenue
Phil Jacobs

Montreal 29, Quebec.

Hi. Quite a few reports received this month, most of them being back logs.

John C. Dyckman, 318 Fairview Ave, Canfield Ohio has a Heathkit FM3-A for an audio amp and an EICO signal tracer. John's antenna is a 60" dipole. He has 18 logged, all semi locals and locals, and if anyone needs a verie signer in the Cleveland area, John will furnish it. Thanks alot for the report, John.

From Ferdinand Dombrowski, 1335 Road B, Okauchee Wisc. comes the following information: In Milwaukee, WMIL-97.5 is now testing; a new station on 107.7 is due in June; and WTMJ-FM, now on 94.1 will boost power to 4.6KW on 94.5. For those of you who have the new RADIO-TV EXPERIMENTER, WFAW-107.3, 2.96KW in Whitewater Wisc. was not listed. Watertown Wisc. was grabted 104.7 with 3034 watts. Wanwatosa (Milwaukee suburb) is granted 103.7 and there is a Milwaukee grant for 99.1. WISN-FM, 97.3 will come on in late summer. For those wishing an FM list, the "R-TV Exp" lists the stations by frequency, and sells for 75¢; "Stereo", published by "Hi-Fidelity" lists power, frequency and antenna hight. Thank you for sending the report, Ferdinand.

Gordon Simkin, 1599 Austin Avenue, Idaho Falls, Idaho esnds some very interesting information concerning skip. Here is a list of Gord's skip stations:

7-15-59:1850 on: KRLD-92.5, and others up to 101.9 mcs. Es
7-17:1913 on: KRLD and others up to 99.1 Es
7-18:2045 " " " up to 101.1 Es
9-3 :2020 on: KEX, Seattle, and KPFM IDed. aurora
9-7:2000 on: KRLD, WRR-101.1 plu others very strong, both still going strong after all TV and other FM had signed off at 0005. All Es.
1-11-60:unI, hear 100mc.: El Paso area on TV Es
3-15:by 1925 all evening-FM band loaded, none IDed. aurora.
4-1:by 0700 all AM-FM filled by aurora, both Seattle and Portland were coming in.
at 0800, KING-FM IDed.

Gordon also receives tropes from Salt Lake City. His rx is an SX62A and he has done some DXing on the TV. His antenna is a Channel Master TW7 which outperforms 5 element Yagis. Thanks for the report, Gord, and write again.

Another interesting letter was received from Denis Smith, Wasco California who has the following stations via skip: KRLD-FM, KREM-FM, KTNT-FM and KPFM. Denis' totals are at 34. Thanks for the report Denis.

Frank Hill, Box 147, Gallipolis, Ohio sent a newspaper clipping pertaining to the FM boom. ~~xxxxxt~~ It says, in part, "So the static-free, reliable FM system has an irresistable appeal to the publis and broadcaster alike" This clipping was really appreciated, Frank.

That's about it for this issue. The number of reports has greatly increased, and I hope that it keeps up. Please send all your FM news and DX.

73 until next month.
Phil

Southern DX
May, 1960

Compiled by: Donald Ruland,
834 8th St., Holly Hill, Fla.

Television reception changed very abruptly in April, going from lousy to extraordinary. That was the case here in Holly Hill. For you DXers to the North, may I say WATCH OUT FOR THE TROPS! A few Sporadic-E openings were noted throughout most of the country...which means an earlier start this season than last. May's reports should tell the story. At any rate, here are April's reports (new underlined)

Robert Berg, Norfolk, Virginia---Via tropes: Mar27--WCYB-5; Apr20--WFMY-2 WRAL-5 WTVR-6 WECT-6 WTTG-5 WMAL-7 WITN-7 WXEX-8 WBTW-8 WTOP-9 WNCT-9 WTVR-11 WBAL-11 WRVA-12 WJZ-13; Apr27--WUSN-2. Bob's log is now at 42 received, with 3 new this month.

Ray Foster Jr., Monroe, Louisiana---Via Es: Jul24--KTCA-2; Nov23--XEW-2; Jan14--XHTV-4. Via tropes: Aug1--WJTV-12; Aug29--KARK-4 WMCT-5; Aug30--KATV-7 KALB-5 VBRZ-2; Sept2--KSLA-12; Sept3--KCMC-6 KLTW-7; Sept4--WVL-4; Sept5--KRLD-4 WFAA-8; Sept7--WREC-3; Oct3--KPAC-4; Oct5--KTRK-13; Oct16--WLB-3; Oct23--WABG-6; Nov7--KTHV-11; Jan9--KFDM-6 KLFY-10; Jan11--WVUE-13; Mar7--WDSU-6; Apr8--KRGV-5 (580 mi) KENS-5; Apr13--WAPI-13; Apr14--WTOK-11 KTBS-3 KPLC-7; Apr15--KTVE-10 KNOE-8 KLSE-13. His log is now at 34 received, with all the above new, and only the new ones.

Kenneth Neal, Hamlin, Texas---Via Es: Apr13--WFEK-2 KDIX-2 CKCK-2 KNXT-2; Apr17--YSU-4 KRON-4 KTVU-2; Apr18--XEW-2. Via tropes: Mar28--KAKE-10; Mar31--KRGV-5 (580 mi); Apr12--KTTS-10 (500 mi); Apr15--KVER-12; Apr21--KTVE-10; Apr22--KTTS-10 KTRK-13 KHOU-11 KPAC-4 KLFY-10 (500 mi). His log is now at 195 received, with six new this period.

Bill Meers, LaGrange, Kentucky---Via Es: Apr12--????-2; Apr13--KFBC-5 KTVR-2 KTVO-2 KOOK-2 KNOP-2; Apr26--????-2. Via Aurora: UnID's on Mar31, Apr23, Apr27. Via tropes: Mar31--KVTV-9 (640 mi); Apr1--KWVL-7; Apr22--WOOD-8 WILX-10 WSPD-13 WIVP-17. Via MS: Apr17--VBBM-2 at a short 285 miles (!). Bill's total is now 189 received, with 1 new this month.

Donald Ruland, Holly Hill, Florida---Via Es: Apr18--TGBOL-3 YSU-4; Apr26--KBTX-3 KRLD-4 WOAI-4 XEFB-3. Via tropes: Apr5--WMAZ-13; Apr6--WBTW-8 WITN-7 (500 mi); Apr7--WMAZ-13 WALA-10 VKRG-5 KHOU-11 (850 mi) KZTV-10 (1000 mi) KTBC-7 (985 mi) KGBT-4 (1035 mi) KONO-12 (1035 mi) KENS-5 & WOAI-4 (1035 mi) KTRK-13 (850 mi); Apr8--KZTV-10 KHOU-11 KONO-12 KTBC-7 KENS-5 WOAI-4 KTRK-13 WDSU-6 (540 mi) KRGV-5 (1050 mi) WALA-10 VKRG-5 WEAR-3 KWIX-10 (975 mi) KPLC-7 (715 mi) WVL-4 (540 mi) WJIM-7; Apr12--WIS-10; Apr14--WIS-10 WITN-7 WSOC-9 WBTW-3 WRAL-5 WSJS-12; Apr17--WBTW-8 WIS-10 WTVR-11 WJBF-6; Apr25--WTVR-11 WNCT-9 WECT-6 WIS-10 WITN-7 WRAL-5 WBTW-8; Apr26--WECT-6 WNCT-9 WIS-10 WJBF-6 VB TW-8. Log now stands at 152 received, 143 verified, and 14 new this month.

FLASH-----Jim Dillon announces that CBWFT-6 in Winnipeg, Manitoba took to the air-waves on April 24. All programming is in French. This is a good E-skip target for many.

The response has been excellent to the Average Mileage contest. Thirteen extrants as of May 1....here are the standings:

DXer	Location	Av. Mileage	No. of stations
Dee Johnson	Longview, Washington	1196.1	145
Jin Dillon	Regina, Saskatchewan	1056.5	85
Kenneth Neal	Hanlin, Texas	1009.8	195
Dennis Smith	Berkeley, Calif.	811.4	97
Donald Ruland	Holly Hill, Fla.	790.5	152
Norman Erint	Kenmore, New York	612.2	200
Frank Wheeler	Erie, Pennsylvania	597.3	133
Bill Draeb	Kewaunee, Wisconsin	585.5	240
Richard Nienan	Buffalo, New York	516.7	233
William Nienan	Buffalo, New York	502.4	189
Richard Bergen	LaGrange, Kentucky	463.0	82
Robert Berg	Norfolk, Virginia	392.8	42
Ray Foster Jr.	Monroe, Louisiana	276.7	32

Many thanks to all who have entered the contest, and to all who have kept their scores up-to-date. But let's hear from more of you. I'm sure you are all curious as to what your average mileage is....you can kill two birds with one stone!!

Time for the old SDX Salute. This month's salute goes to Mr. Dennis Smith, who is presently residing in Berkeley, California. Dennis is 20 years old, and is attending the University of California in Berkeley. He plans to major in music, and is an oboe and piano player. Dennis joined the AIPA in November, 1955...but wishes he'd have found out about it when it first began (so do I...ed). He uses a 1954 Zenith 16,500 volt CRT TV, a VHF-UHF stacked "V" at 45 feet, a two-bay Ward Trombone antenna at 40 feet, and an SX-43 Hallicrafters receiver for some VHF and FM-DXing. Dennis' total of 97 stations include 5 double-hop E-skip, 31 single-hop, and 36 tropo which include 9 UHF. His best logging is WITI-6 via double-hop Es on June 6, 1956. Dennis has done quite well, considering the very limited TV DXing time he has, and his remote location.

Now for a note to all reporting DXers. The old "MS Column" is back again, this time under the very capable hands of Bill Draeb. Please extract all your MS loggings from your reports, and put them on a postcard and send them to the MS editor. I think it is a good idea to have all the MS loggings on one page, for easier comparison of DXers from all reporting sections.

If you are now in the planning stages of your summer vacations, be thinking about the 1960 AIPA convention which will be held in Chicago sometime in July. And I understand we are going to be in for some swank, with John Opyd's famous Chicago "gardens" the location. Also to you fellows like myself who has never seen a major-league baseball game...Chicago is the home of the future World champion White-Sox (hi).

Till June, this about wraps it up. DX is going to be good in May, so let's hear from all you Southern DXers!

Donald Ruland, SDX

The response to my first column last month was gratifying. Had letters in from Don Ruland, Jim Pirch, and my long time pal Gordon Sinkin. It would certainly be nice to hear from many more of you this month.

My good friend Gordon Sinkin came up with a wonderful idea. He has sent me a very fine list of items which he has for sale or trade. He has no special items in mind that he wants, but will consider offers. All correspondence must not include item for trade, or money. They must include a self-addressed post-card for reply. On any item Gordon sells he will send the AIPA 10% as a gift. Best acceptable offer prior to June 1 received at his address will get item, if more than one offer. His address: Gordon Sinkin, 1599 Austin Ave., Idaho Falls, Idaho.

2--Astatic Model BT boosters - 54-216 nc with 6AK5 tube and spare.
1--Jerrold Series B booster - 54-98 & 174-216 nc with 6AK5 tube & spare
3--Sarkes-Tarzian 21 nc IF tuners - Ch's. 2-13 less tubes.
2--RCA 45 nc IF tuners - Ch's. 2-13 less tubes.

Gordon also has many used tubes...list what you need & what you can pay or trade.

Books: One each unless otherwise listed:

<u>Publisher</u>	<u>Title&Author</u>	<u>Date</u>	<u>Pages</u>	<u>Misc.</u>
Popular Science--	"Everybody's TV & Radio Handbook	1955	225	--
McGraw-Hill--	TV Servicing, by Heller & Shuman	1950	434	--
" "	--Elements of Radio Servicing, by Levy	1947	475	--
" "	--TV Standards & Practice, by Fink	1943	405	--
" "	--Basic TV Principles of Servicing, Grab	1949	596	--
Macmillan Co.--	TV & FM Antenna Guide, by Noll&Mandi	1951	311	--
R.C.A.--	Radiotron Designer's Handbook, Vol. III (2)	1941	352	Theory
Mallory--	MYE Technical Handbook	1942	408	"
Radio Tech.--	Radio Physics Course, by Ghirardi	1942	972	"
Prentice-Hall--	Fundamentals of Radio, by Everitt	1942	398	--
Coyne--	TV Cyclopedia	1951	726	Dict'y
Norman W. Henley--	A.B.C. of TV, by Yates	1929	210	Rare
Wiley & Sons--	Principles of Radio, by Henney	1938	495	"
David McKay--	Radio Telephony for Amateurs, Vol. II	1923	296	"
Whitman--	Radio Theory Simplified, by Duston	1924	184	"
Modern Pub.--	Modern Electrics Magazine, by Gernsback	1912	-	"
A.W. Penrose--	3 Color Photography, by von Hill	1904	148	"
Almer Cal & Co.--	Modern Stereoscopic Photography	1921	48	"

.....
I have material in also from Ruland and Pirch which sh all be published next mon th.

Historical TV Facts & Figures:

During World War II, 6 TV stations were on the air, televising 2 or 3 hours a day. There were only about 5000 TV sets, most all in the Eastern United States.

In 1947 the F.C.C. authorized 13 channels between 54 and 216 megacycles. Channel "one" was assigned to fixed and mobile services. By 1948, more than 300 applications had been received for stations, and almost a million sets were sold. In 1951, A.T. & T. inaugurated a microwave relay to California, thus coast-to-coast TV became a reality.

Verifications:

I have just seen some very fine veries recently received by Donald Ruland, of tropospheric receptions on the high channels. Some of the stations are out a thousand miles or better which makes these veries outstanding.

I was going to publish a sample copy of the type of letter which I send to a station when asking for a verification this month, but since I have something more important to discuss, I shall publish it in a later column. I am afraid that I offended some of the members last month, who takes photos of reception as proof of same. Perhaps I made it appear that letter veries are nicer than photos...letters are certainly not any nicer than photos! To you who follow the photographic angle may I say that you also have a very authentic proof of reception and something to really be proud to show anyone. One of the finest collections of verifications I ever saw was Carl F. Lupton's display of well over 100 photos here in 1956 at the AIPA convention.

One should not be discouraged if he sends for a verie and does not get a reply. Several years ago I sent 6 letters to channel six in Texarkana, Texas before I received a verie! Most all stations are glad to send a verie out for an authentic report. A self-addressed and stamped envelope for replies also helps. I am lucky to have a verie which I prize the most of all I have. It is from HIT, channel four in The Dominican Republic. Here is what happened: My dad sometimes picks up my mail at the local post-office. I had written to HIT-4 about receiving their signals and I kept waiting for a reply. After having almost given up hope of ever hearing from them, my brother came to my house and asked me if I had seen a peculiar looking card which my dad brought home with my name on it. I began to get curious and asked about it. No one knew where it was. I finally found it on a tree stump in my dad's yard where it had been for 3 days! I'm sure glad it didn't rain..hi! BUT IT IS KIND OF WEATHER BEATEN!! HI!

Until next month.....73's,

Frank Hill ("The Old Buckeye")
Box 147, Gallipolis, Ohio

"Your AIPA Monthly Meteor Scatter Column"

Conducted by: Billy Draeb Ellis Street Kewaunee, Wis.

The first thing I would like to do is thank Art for letting me try my hand at doing this column. If you see any "goofs" please forgive me as I am trying to do my best. Well, now to the task at hand.....

Donald Ruland, Holly Hill, Fla.--April 3rd; WBBM-2 April 10th WBBM-2 April 18th--an unided station on ch.8. A short but good report Don. His log is now at 151 with 140 verified.

Bill Pagel, Glen Ellyn, Ill.--April 8th WRC-4(new); ~~###~~ April 9th KRLD-4 WTAR-3, WRBL-4, and WKY-4(last 3 are new for Bill). A fine report Bill. I also neglected to give the rest of Bill's report so here it is(please forgive me Bill): April 16th KRLD-4, WKY-4, KARK-4 April 19th WCBS-2 April 20th WCBS-2 April 21st WCBS-2 April 22nd WCBS-2, WRCV-3 April 23rd KRLD-4.

Bill Draeb, Kewaunee, Wis.--March 20th unided burst on ch. 7; April 2nd WKY-4; April 8th WBRZ-2; April 9th WKTU-2, WJXT-4; April 13th WMAR-2, WESH-2; April 17th WBRZ-2, WWL-4; April 20th WTAR-3; April 21st WCBS-2, WTAR-3, WMAR-2, WBTU-3; April 22nd WCBS-2, WMAR-2; April 23rd WLWD-2, WCBS-2, WFTU-2; April 24th KRLD-4.

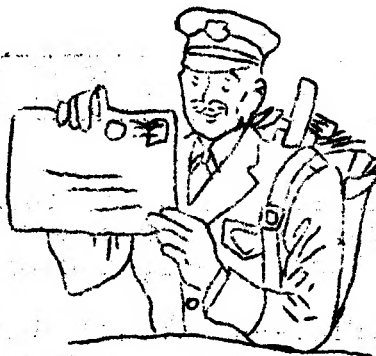
Well, from the reports recieved here this month I would say there are one of three things wrong with each of you DXers out there, namely: (1) DX was poor in your area; (2) you didn't see the notice in the April AIPA bulletin; (3) you didn't bother to send your report in to me.

As you notice, the title of this column is "your AIPA Monthly Meteor Scatter Column" and I think this is a very good title since this column depends on you and you alone so lets get those reports in here next month by the 25th. As far as the number of stations you have to report, I dont care if you send in 1 or 1000. With the Aquarids meteor shower on May 6th Ms should be pretty fair so I'll be expecting a report from some of you.

Well, I guess that's it for this month then. 73's and good Ms DXing.

BILL

MAY ISSUE
by Dee Johnson
146 Maddock Place
Longview, Wash.,



Letters to the Editor

A LONG letter and card both were received this past month from our former IDX editor, GORDON SIMKIN. He was one of the lucky ones who managed to log some DX lately. To start with....Jan 14, auroral dx but no ID'S. Jan 15, 8 minutes of Es..(long MS?) from KTCA-2. Jan 23, CHCT-2 possibly/ Mar. 15, auroral DX on every channel..with no ID's March 31 was similar with only high channels 9 and 11 with DX. April 1 was DX on chs 2-6 and 8. Ch. 6 had a test pattern and tone, ID sounded like "CLM-TV" ??? audio was recorded from KPTV-12 at 530 miles..with signal coming from the N.E. only. The ch. 8 signal was no doubt KGW-8..but he missed any ID. Also ID'd was KOMO-4 via aurora, and KING-5..almost good enough to see a picture..also heard a tone on ch. 9 at one time. In the afternoon of the same day he logged a 30 sec. MS burst from KTCA-2../KTWO-2 via tropo burst(?) for 5 minutes at 290 miles and new..after IDing it he turned on ch. 10 and found a signal fading out..so he started watching ch. 10, and on April 4, he IDed KWRB-10 via tropo. On April 7, KWRB-10 was again logged via tropo/KGHL-8 and KXLF-4. April 8, KMID-2 by ms. He has seen a unid ch. 13 by tropo. In his card of April 15, Gordon said..."the other evening..."(so don't know exact date..) CJTC-2 with QRM, maybe double hop/WTOM-4 new/1,380 miles/WBAY-2 /WTMJ-4 new/WERV-5 new. total logged now...60. Nice report Gordon...Wish I could log some good dx too.

CHARLES WOOD, of Ashland, Oregon logged the first of the summer E's on April 17th..with KCKT-2 coming in for about 20 minutes. They were so strong that they knocked out his local KOTI-2. T'was nice to hear from you again Charles.

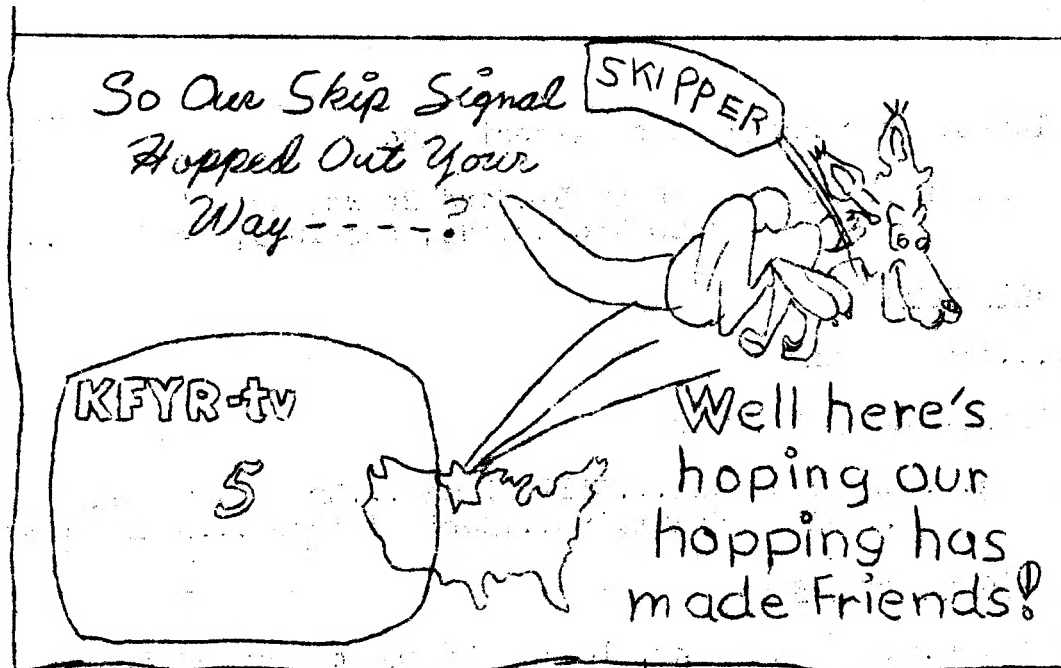
DONALD RULAND of Holly Hills, Florida sends me a letter and asks "How much rain does Washington usually have per year?" Golly, dumb me I don't know. FLORIDA has had 19" so far this year...Sunny isn't it????

JIM PIRCH of Richmond, Missouri writes that dx has been improving this past month with some good tropo openings on the 30th and 31st of March. He had some ms and Es that were unid, but he did manage to ID some tropo....March 30, KELO-11 at 350 miles/March 31, KELO-11/WMT-2/KOTV-6/KWWT-7/WOC-6/KVTV-9/.

A tape and letter were received from Dennis Smith of Wasco, Calif., and both were enjoyed very much. He had a very enjoyable vacation at home recently (over Easter) and got his tape recorder back in working condition. He saw no Es, MS or tropo while home this time.

Raul Medina of Managua, Nicaragua writes that he got his antenna, and has it installed about 40' from the ground. He has received many new stations with it..such as...April 17 he logged several hours of Es from XEW-2. This and other stations he will report on in his next report he promises. So nice to hear from you...

Several tapes were received here..as usual from one ART COLLINS..and may I say..to those of you who are not fortunate enough to know Art..as I do...What a wonderful guy he is..such a sense of humor!!



Western
DX
May 1960

The above verie card was sent to me a couple of years ago from KFYR-5 in Bismark, North Dakota..and I thought it was so cute and different, that I thought I'd draw it..or try to anyway..for those of you who do not as yet have one to add to your collection.

A card in from Gordon Simkin says that his other evening, was meant to mean..Last evening..or April 13...I'm only teasing you Gordon..Hope you don't mind all of this. Also logged..April 22 ~~RTDX~~-3 by ms..new, and # 61 logged. KTWO-2 tropes. April 24, aurora 2-13 with no ID's. April 26, KTVI-2 by Es and one texas -2. QRM-3 WSM-4 possibly. Thanks for the card.

Morris Foote from Middleton, Idaho writes that he really got a thrill the other day...as he received a good ms on channel 13 with a RTMA type TP with of all things....no call letters. Well, cross your fingers and hope that next time, they will have a call slide on. March. 31, chs. 4-5-6 unid by aurora dx. April 1, chs. 2-3-4-5-6- by aurora dx. April 13, unid ch. 13 by ms. KARK-4 by Es /KNAC-5 by Es/ unid ch. 6 by Es.

A most appreciated letter arrived from our good friend and fellow dxer...Ron Hilding of Salt Lake City, Utah...Ron says that he sent me his Xmas log and it should have been in the Feb. bulletin....Golly Ron, I didn't receive it at all...in fact, I can't remember the last time I heard from you...Ron reports that KPHO-5 is going on Maximum power all most anytime now..with programs from 9am Sunday thru Friday and 10:45 am on Sat....MST. Ron entered (or someone entered it for him?) his car in the Southwestern Rod and Custom show..and it won a 32" trophy. Sure am sorry about the lost loggings, Ron...hope you can write again soon.

The only DX wise news I have from up here in Washington, is....Lots and Lots of Aurora this last part of April...almost every day it seems. But today....May 1st....I finially logged my first Es of the season. It only lasted about 9 minutes...but gee it was good to see again. Dear old KTWO-2 in Casper, Wyo. was on with their T.P. So I hope that this means Es will start appearing from here on in.

BEST OF DX TO ALL OF YOU IN THE COMING MONTH..

DEE JOHNSON
146 Maddock Pl.
Longview, Wash.

Co-Channel Interference Column by Bedford Brown, Apt. 4,
2800 Rio Grande, Austin 5, Texas.....

Election Returns-1960

President...Art Collins

Vice-President...King Schafer

Board Members...Donald Ruland...Bill Nieman...Bryan Rawlings
...Walter Spaulding...Doris Johnson...Bedford Brown

Congratulations and Thanks

Congratulations, Art/ and King, leaders in the truest word/. You have steadfastly guided our club through crisis and illness, and you well deserve the almost unanimous support demonstrated by this AIPA election. And special congratulations to Dee Johnson, who received by far the greatest majority of votes ever cast for a board member. I am sure that this represents the club's appreciation for Doris's continuing faithful service in the AIPA. Congratulations also to Walter Spaulding, reelected to the board, and to the newcomers, Don Ruland, Bill Nieman, and Bryan Rawlings. I also thank you for reelecting me to the board. I deeply appreciate the honor.

A Lost Wager

Don Ruland may have won the election, but he "tragically" lost his bet with King Schafer. (See April SDX Column) The percentage of AIPA voters for the 1960 election will be recorded as 50.0 %. (I am wondering if this represents the same 50 % that voted last year!!!) I also wonder whether all you members who didn't vote have a mile-long list of excuses that prevented you from voting from April 10 through April 30. By any standards 50.0 % is a pretty miserable turnout for a month-long election.

Unidentified Programs (All time is Eastern Standard Time.)

Ken Neal, Hamlin, Texas (Route #3)

1. Mar. 1 6:12pm ch.2 E-skip-ene-"Quick Draw McGraw"
2. Apr. 7 1:26pm ch.2 E-skip-ne-RETMA test pattern
3. Apr 12 5:45pm ch.2 ms-ne-The Three Stooges
4. Apr 13 1:30pm ch.5 E-skip-?-Susie
5. Apr 17 8:15am ch.2 ms-ne-Indian-head test pattern
6. " 11:15am ch.5 ms-?-The Christophers
7. " 12:00n ch.2 ms-ne-The Christophers
8. Apr 21 8:21am ch.2 ms-ne-Indian-head test pattern
9. " 8:26am ch.2 ms-ne-Popeye cartoon

Thanks for the reports, Ken, and I appreciate your reports in E.S.T., B.

Support Your Editors

I would like to emphasize a statement made by Frank Hill in his first "Swapper's Corner." The Old Buckeye said, "...You the members can make or break any of the editors." I am asking you to please support especially Frank's new column as well as all the others also. All of us writers need and appreciate your support in off-season as well as when dx is really hot. Thanks.....and 73's and best dx for now, Bedford